

Abstract of the Disclosure:

Bodies made of expanded graphite are impregnated with low-viscosity, solvent-free, storage-stable, polymerizing resins from the group of isocyanates and their co-reactants and/or epoxy resins up to resin contents of 50% by weight. A primary product is made of expanded graphite with an open pore system, with a particularly preferred range of bulk densities of from 0.5 to 1.3 g/cm³ and with an ash value of not more than 4% by weight. Such bodies can also contain a proportion of additives. Sealing elements, components in fuel cells and heat-conducting elements are formed of the impregnated, shaped and rapidly curable graphite bodies. A process for producing such bodies is also provided.